Appl. No. 09/724,553
Amdt. dated January 14, 2004
Reply to Office Action of July 14, 2003

PATENT

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1.   (Currently amended) A method of modulating ~~a biological function of an endothelial cell or hematopoietic~~ T-cell activation, comprising introducing in vitro ~~into the cell~~ an agent that inhibits binding of ~~a PDZ protein and a PL protein~~ LPAP and TIP-1 ~~in the~~ into a T-cell, thereby modulating activation of the T-cell. ~~the biological function, wherein~~

> ~~the PL is LPAP and~~

> ~~the PDZ is TIP1.~~

2-4.   (Canceled)

5.   (Currently amended) The method of ~~claim 2~~ claim 1, wherein the agent is a peptide that (i) is 4- 25 amino acids in length and (ii) comprises ~~comprising~~ a sequence of at least the carboxy-terminal two residues of ~~the PL protein~~ LPAP.

6.   (Currently amended) The method of ~~claim 4~~ claim 5, wherein the agent is a peptide comprising a sequence of at least the carboxy-terminal three residues of ~~the PL protein~~ LPAP.

7.   (Currently amended) The method of ~~claim 1~~ claim 1, wherein the agent is a small molecule or peptide mimetic of the carboxy-terminus of ~~the PL protein~~ LPAP.

8-20.   (Canceled)

21.   (New) The method of claim 5, wherein the peptide is 12-25 amino acids in length.